INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B63B 59/08, B08B 3/02
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B63B, B03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Further documents are listed in the continuation of Box C.

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4314521 A (LUNDBERG), 9 February 1982 (09.02.1982), column 3, line 21 - column 4, line 16, figures 1,3, claim 1, abstract	1-16
A	US 3829019 A (PETSCH), 13 August 1974 (13.08.1974), column 4, line 44 - column 5, line 28, figures 6-11, abstract	1-16
		
A	EP 1216761 A1 (LARIN, VYACHESLAV IVANOVICH), 26 June 2002 (26.06.2002), figure 8, paragraph 22-27	1-16
	·	
	•	

* "A"	* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance		"T" later document published after the international filing date or price date and not in conflict with the application but cited to understant the principle or theory underlying the invention		
"E" "L" "O" "P"	earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"Y" document of particular retevance the claimed inventor cannot considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot considered to involve an inventive step when the document is combined with one or more other such documents, such combined being obvious to a person skilled in the art.			
Date	Date of the actual completion of the international search		Date of mailing of the international search report		
2	2 February 2005		0 7 -02- 2005		
Swe	ne and mailing address of the ISA/		rized officer		
Box 5055, S-102 42 STOCKHOLM			l Carl Fröderberg/FK		

Telephone No.

χ See patent family annex.

+46 8 782 25 00

Facsimile No. +46 8 666 02 86

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 2004/000339

	1.	CI/NU 2004	
C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevan	nt passages	Relevant to claim No
A	DATABASE WPI Week 200018 Derwent Publications Ltd, London, GB Class Q24, AN 2000-204053 RU 2122961 C1 (Shilniov S N) 10 December 1998 (1998-12-10) fig 2,3, abstract		1-16
A	US 4926775 A (ANDORSEN), 22 May 1990 (22.05.19 column 1, line 60 - column 2, line 14, figuabstract	990), ures 1-3,	1-16
			·
			4
•			
ı			
	·		
		•	•
i			
			•

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/12/2004

International application No.
PCT/NO 2004/000339

			•			
US .	4314521	A	09/02/1982	BR DE FR GR IT NO NO PT SE SU	7707442 A 2749220 A 2369964 A,B 1560318 A 64025 A 1087197 B 53083297 A 7712180 A 145718 B,C 773789 A 67239 A,B 419738 B,C 7612280 A 898954 A	15/08/1978 18/05/1978 02/06/1978 06/02/1980 18/01/1980 31/05/1985 22/07/1978 08/05/1978 08/02/1982 08/05/1978 01/12/1977 24/08/1981 05/05/1978 15/01/1982
US	3829019	Α	13/08/1974	US	3832069 A	27/08/1974
EP	1216761	A1	26/06/2002	AU BR CA WO	1299400 A 9917456 A 2378489 A 0110576 A	05/03/2001 16/07/2002 15/02/2001 15/02/2001
US	4926775	A	22/05/1990	CA GB GB JP NO	1317164 A,C 2194136 A,B 8719419 D 63141686 A 863365 A	04/05/1993 02/03/1988 00/00/0000 14/06/1988 22/02/1988